

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Docket: ZIMMERMANN3

In re Application of:	)	Conf. No.: 3059
Jan ZIMMERMANN et al.	)	
	)	
IA No: PCT/CH04/00383	)	Art Unit:
	)	Examiner:
IA Filed: June 23, 2004	)	
	)	Washington, D.C.
Appln. No.: 10/561,943	)	
	)	
For: SUPERHYDROPHOBIC COATING	)	March 29, 2007
	)	

**INFORMATION DISCLOSURE STATEMENT [IDS]**

Honorable Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window  
Randolph Building, Mail Stop Amendment  
401 Dulany Street  
Alexandria, VA 22314

Sir:

This Information Disclosure Statement is submitted in accordance with 37 CFR §§1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

[X] 1. This IDS should be considered, in accordance with 37 CFR §1.97, as it is filed:

[X] B. before the mailing date of a first office action on the merits or before the mailing of a first Office action after the filing of a Request for Continued Examination under 37 CFR §1.114.

[X] 2. In accordance with 37 CFR §1.98, this IDS includes a list (e.g., form BN/SB/08A/B) of all patents, publications,

or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. Other than U.S. patent(s) and/or published U.S. application(s), which 37 CFR §1.98(a)(2)(ii) does not require to be filed unless specifically required by the Office, a copy of each document listed is attached, except as explained below:

[X] 4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).

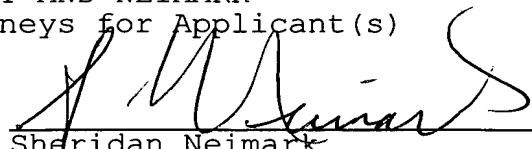
[X] 5. Other information being provided for the examiner's consideration follows: International Search Report

6. In accordance with 37 CFR §§1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in 37 CFR §1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

Respectfully submitted,

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/561,943
Filing Date	June 23, 2004
First Named Inventor	Jan ZIMMERMAN
Group Art Unit	
Examiner Name	
Attorney Docket Number	ZIMMERMAN3

Sheet 1

ZIMMERMAN3

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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US-3 487 122 A	12-30-1969	Stengle et al.	
	AB	US-4 408 009 A	10-04-1983	Mallon	
	AC	US-4 299 886 A	11-10-1981	Soejima et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	AD	WO 03/044077 A	05-30-2003	Honeywell		

Examiner  
SignatureDate  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

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Group Art Unit	
Examiner Name	
Attorney Docket Number	ZIMMERMAN3

Sheet 2

of 2

**NON PATENT LITERATURE DOCUMENTS / OTHER INFORMATION**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	AE	OTTEN, A. et al., "How Plants Keep Dry: A Physicist's Point of View"; American Chemical Society; Langmuir, 2004, Vol. 20, pp. 2405-2408	
	AF	YOSHIMITSU, Z et al., "Effects of Surface Structure on the Hydrophobicity and Sliding Behavior of Water Droplets"; American Chemical Society; Langmuir, 2002, Vol. 18, pp. 5818-5822	
	AG	FENG, L. et al., "Super-Hydrophobic Surfaces: From Natural to Artificial"; Adv. Mater, December 17, 2002, Vol. 14, No. 24, pp. 1857-1860	
	AH	MIWA, M et al., "Effects of the Surface Roughness on Sliding Angles of Water Droplets on Superhydrophobic Surfaces"; American Chemical Society, Langmuir, 2000, Vol. 16, pp. 5754-5760	
	AI	NAKAJIMA, A. et al., "Recent Studies on Super-Hydrophobic Films"; Monatshefte für Chemie Chemical Monthly, 2001, Vol. 132, pp. 31-41	
	AJ	FADEEV, A.Y. et al., "Self-Assembly Is Not the Only Reaction Possible between Alkyltrichlorosilanes and Surfaces: Monomolecular and Oligomeric Covalently Attached Layers of Dichloro- and Trichloroalkylsilanes on Silicon"; American Chemical Society, Langmuir, 2000, Vol. 16, pp. 7268-7274	
	AK	TRAU, M. et al., "An Ellipsometric Study of Thin Films on Silica Plates Formed by Alkylchlorosilylation Reagents"; Journal of Colloid and Interface Science, Vol. 148, No. 1, January 1992	

Examiner Signature	Date Considered
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.